Government of Saskatchewan

Crop Report

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For the Period June 28 to July 4, 2016

Crops are developing rapidly in much of the province and growing conditions have been optimal in most areas, according to Saskatchewan Agriculture's weekly Crop Report. Fifty-one per cent of the fall cereals are in the dough stage while 34 per cent of the spring cereals are in the heading stage. Twenty per cent of the flax, 60 per cent of the canola and mustard and 69 per cent of the pulse crops are flowering.

One year ago
Twenty-four per cent of the hay crop had been cut and 15 per cent baled. Rainfall was received in some areas, although topsoil moisture conditions remained dry.

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Haying continues in the province as livestock producers now have 18 per cent of the hay crop cut and 11 per cent baled or put into silage. Although weather conditions have been favourable for plant growth, high humidity and frequent rain showers have prevented hay crops from drying.

Hay quality is rated as 12 per cent excellent, 72 per cent good, 14 per cent fair and two per cent poor. Pastures are growing well and are rated as 24 per cent excellent, 61 per cent good, 13 per cent fair and two per cent poor.

The majority of the province received rainfall this past week with the Outlook area reporting 95 mm. Many other areas reported well over 25 mm of rain. Across the province, topsoil moisture on cropland is rated as nine per cent surplus, 85 per cent adequate and six per cent short. Hay land and pasture topsoil moisture is rated as three per cent surplus, 89 per cent adequate, seven per cent short and one per cent very short.

Crop damage this week was attributed to localized flooding, strong winds and disease. Hail was reported in a few areas of the province and crops are being assessed for damage. With the high humidity and wet conditions, many producers are applying fungicides to crops. Producers are busy with haying operations and scouting for disease and insects.

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Also available on the Ministry of Agriculture website at www.saskatchewan.ca/crop-report.

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SCIC
SASKATCHEWAN CROP INSURANCE CORPORATION

Southeastern Saskatchewan:

- Crop District 1 – Carnduff, Estevan, Redvers, Moosomin and Kipling areas
- Crop District 2 – Weyburn, Milestone, Moose Jaw, Regina and Qu'Appelle areas
- Crop District 3ASE – Radville and Lake Alma areas

Haying continues in the region. Sixteen per cent of the hay has been cut and seven per cent baled or put into silage. Hay quality is deteriorating due to humidity and wet field conditions and is now rated as 11 per cent excellent, 73 per cent good and 16 per cent fair. Pasture conditions are rated as 27 per cent excellent, 67 per cent good, five per cent fair and one per cent poor.

Rainfall in the region ranged from small amounts to 78 mm in the Indian Head area. Other areas receiving large amounts of rain included the Weyburn area (30 mm), the Broadview area (27 mm) and the Marquis area (24 mm). The Moose Jaw area has recorded the greatest amount of precipitation in the region since April 1 (268 mm).

Topsoil moisture conditions on cropland are rated as 19 per cent surplus, 79 per cent adequate and two per cent short. Hay land and pasture topsoil moisture is rated as four per cent surplus, 94 per cent adequate and two per cent short. Crop districts 1A and 2A are reporting that 33 per cent and 20 per cent, respectively, of cropland acres have surplus topsoil moisture at this time.

The majority of crops remain in good-to-excellent condition, with many reports of crops being at least two weeks ahead of normal development. However, recent heavy and frequent rainfall has flooded low-lying areas and caused some disease issues in fields. Producers are applying fungicides to all crop types as time and field conditions permit. Crop damage this past week is mainly attributed to localized flooding and strong winds. Hail was received in some areas of the region and producers are assessing damage.

Farmers are busy haying and spraying for disease and insects.

Southwestern Saskatchewan:

- Crop District 3ASW – Coronach, Assiniboia and Ogema areas
- Crop District 3AN – Gravelbourg, Mossbank, Mortlach and Central Butte areas
- Crop District 3B – Kyle, Swift Current , Shaunavon and Ponteix areas
- Crop District 4 – Consul, Maple Creek and Leader areas

Despite frequent rain showers and high humidity, haying operations continue in the region. Twenty-two per cent of the hay crop has now been cut and 10 per cent baled or put into silage. Hay quality is deteriorating due to the weather conditions and is now rated as 19 per cent excellent, 69 per cent good and 12 per cent fair. Pasture conditions are rated as 35 per cent excellent, 55 per cent good and 10 per cent fair.

Rainfall ranged from trace amounts to 35 mm in the Admiral and Climax areas. Other areas receiving large amounts of rain included the Glenbain area (34 mm), the Vanguard area (33 mm) and the Webb area (31 mm). The Webb area also holds the regional and provincial record for greatest amount of precipitation since April 1 with 313 mm.

Cropland topsoil moisture conditions are rated as three per cent surplus, 95 per cent adequate and two per cent short. Hay land and pasture topsoil moisture is rated as one per cent surplus, 95 per cent adequate and four per cent short.

Crops remain in good-to-excellent condition, although many low spots have flooded and pulse crops are beginning to yellow in some fields. Producers are applying fungicides to all crop types as field conditions permit. There are reports that producers are spraying for cabbage seedpod weevils in canola and mustard crops and for grasshoppers in some lentil crops. The majority of crop damage this past week is attributed to localized flooding, strong winds and hail. Assessments continue on those fields damaged by hail.

Farmers are busy haying and spraying for disease and insects.

East-Central Saskatchewan:

- Crop District 5 – Melville, Yorkton, Cupar, Kamsack, Foam Lake, Preeceville and Kelvington areas
- Crop District 6A – Lumsden, Craik, Watrous and Clavet areas

Fifteen per cent of the hay crop has now been cut, with an additional 12 per cent baled or put into silage. Hay quality is deteriorating due to frequent rain showers and high humidity, and is now rated as 12 per cent excellent, 76 per cent good and 12 per cent fair. Pasture conditions are rated as 16 per cent excellent, 67 per cent good, 16 per cent fair and one per cent poor.

Rainfall ranged from trace amounts to 59 mm in the Quill Lake area. The Watrous area received 44 mm and the Craik and Kelvington areas 43 mm. The Quill Lake area also holds the regional record for greatest amount of precipitation since April 1 (242 mm).

Topsoil moisture conditions on cropland are rated as 12 per cent surplus, 81 per cent adequate and seven per cent short. Hay land and pasture topsoil moisture is rated as eight per cent surplus, 84 per cent adequate and eight per cent short. Crop District 5B is reporting that 29 per cent of the cropland and 21 per cent of the hay land and pasture has surplus topsoil moisture at this time.

Most crops are in good-to-excellent condition and remain at their normal stage of development for this time of year. Some crops have lodged due to strong winds and heavy rain, and producers are applying fungicides as disease conditions are optimal. The majority of crop damage this week is due to standing water that has flooded some low spots and yellowed some crops. Hail was reported in the region and damage is being assessed. There have been reports of producers spraying for wheat midge in a few areas.

Farmers are busy haying, spraying for disease and finishing up weed control.

West-Central Saskatchewan:

- Crop Districts 6B – Hanley, Outlook, Loreburn, Saskatoon and Arelee areas
- Crop District 7A – Rosetown, Kindersley, Eston, Major
- Crop District 7B - Kerrobert, Macklin, Wilkie and Biggar areas

Twenty per cent of the hay crop has been cut and 18 per cent baled or put into silage. Like much of the province, frequent rain showers and high humidity is delaying plant dry down and causing some deterioration of quality. Hay quality at this time is rated as 12 per cent excellent, 60 per cent good, 20 per cent fair and eight per cent poor. Pasture conditions are rated as 25 per cent excellent, 53 per cent good, 18 per cent fair and four per cent poor.

The region received large amounts of rainfall this past week that has caused localized flooding and increased disease pressure. Rainfall ranged from 12 mm in the Luseland area to 95 mm in the Outlook area, but there are reports that other areas received well over 100 mm of rain. Other areas reporting high rainfall include the Major area (86 mm), the Smiley area (57 mm), the Marengo area (52 mm) and the Kerrobert area (45 mm). The Major area holds the regional record for greatest amount of precipitation since April 1 (248 mm).

Topsoil moisture conditions on cropland are rated as 11 per cent surplus, 85 per cent adequate and four per cent short. Hay land and pasture topsoil moisture is rated as five per cent surplus, 86 per cent adequate and nine per cent short.

Overall, crops remain in good-to-excellent condition and the recent rain will help them mature. The majority of crop damage this week was caused by localized flooding, strong winds and hail. Many producers are spraying fungicides on all crop types as disease pressure is high and conditions are optimal. There are reports of grasshoppers in some of the lentils and producers are monitoring fields.

Farmers are busy haying, applying fungicides and assessing crops.

Northeastern Saskatchewan:

- Crop District 8 – Hudson Bay, Tisdale, Melfort, Carrot River, Humboldt, Kinistino, Cudworth and Aberdeen areas
- Crop District 9AE – Prince Albert, Choiceland and Paddockwood areas

Haying continues in the northeastern region despite high humidity and frequent rain showers. Fifteen per cent of the hay crop has been cut and 20 per cent has been baled or put into silage. Hay quality at this time is rated as nine per cent excellent and 91 per cent good. Pasture conditions are rated as 16 per cent excellent, 74 per cent good and 10 per cent fair.

Heavy rain and hail fell in areas of the region. Rainfall ranged from small amounts to 40 mm in the Alvena area. Other areas reporting large amounts of rain include the Humboldt area (37 mm), the Prince Albert area (22 mm) and the Tisdale area (19 mm). The Arborfield area holds the regional record for greatest amount of precipitation since April 1 (163 mm).

Cropland topsoil moisture conditions are rated as six per cent surplus, 89 per cent adequate and nine per cent short. Hay land and pasture topsoil moisture is rated as 89 per cent adequate and 11 per cent short.

Crops remain in relatively good condition and growth is rapidly advancing under optimal growing conditions. The majority of crop damage this past week is due to strong winds and disease pressure. Many producers are applying fungicides to all crop types as disease pressure and humidity are high. There are reports of hail damage, although crops are expected to recover.

Farmers are busy haying, scouting and controlling disease.

Northwestern Saskatchewan:

- Crop District 9AW – Shellbrook, North Battleford, Big River and Hafford areas
- Crop District 9B – Meadow Lake, Turtleford, Pierceland, Maidstone and Lloydminster areas

Fifteen per cent of the hay crop has been cut, while seven per cent has been baled or put into silage. Frequent rain showers are delaying field work, although plant growth has improved. Hay quality at this time is rated as 75 per cent good and 25 per cent fair. Additional rain will be needed soon to help hay growth and to alleviate plant stress. Pasture conditions are rated as one per cent excellent, 57 per cent good, 30 per cent fair, 11 per cent poor and one per cent very poor.

Rainfall ranged from trace amounts to 38 mm in the North Battleford area. The Lloydminster area received 27 mm, the Speers area 26 mm, the Debden area 25 mm and the Radisson area 23 mm. The Frenchman Butte area holds the regional record for greatest amount of precipitation since April 1 (194 mm), while the Speers and Neilburg areas hold the regional and provincial record for least amount of precipitation (52 mm). Many areas in the region are still in need of moisture to help advance crops, hay and pasture.

Topsoil moisture conditions have slightly improved thanks to the recent rain. Cropland topsoil moisture is rated as 84 per cent adequate and 16 per cent short. Hay land and pasture topsoil moisture is rated as 78 per cent adequate, 15 per cent short and seven per cent very short.

Crops are in good condition but could use some moisture in the coming weeks. Crop damage this past week was attributed to strong winds, lack of moisture and disease. Some producers are applying fungicides to crops and there have been some reports of grasshoppers in fields.

Farmers are busy haying, hauling grain and spraying for diseases.

Crop Staging Tables - July 4, 2016

Fall Cereals	Jointed	Shot blade	Heading	Dough	Ripe
July 4 Prov. Avg.	**2**	**3**	**43**	**51**	1
Southeast	0	0	25	74	1
Southwest	3	4	35	58	0
East central	0	1	47	52	0
West central	0	0	62	38	0
Northeast	0	2	52	44	2
Northwest	6	9	58	24	3

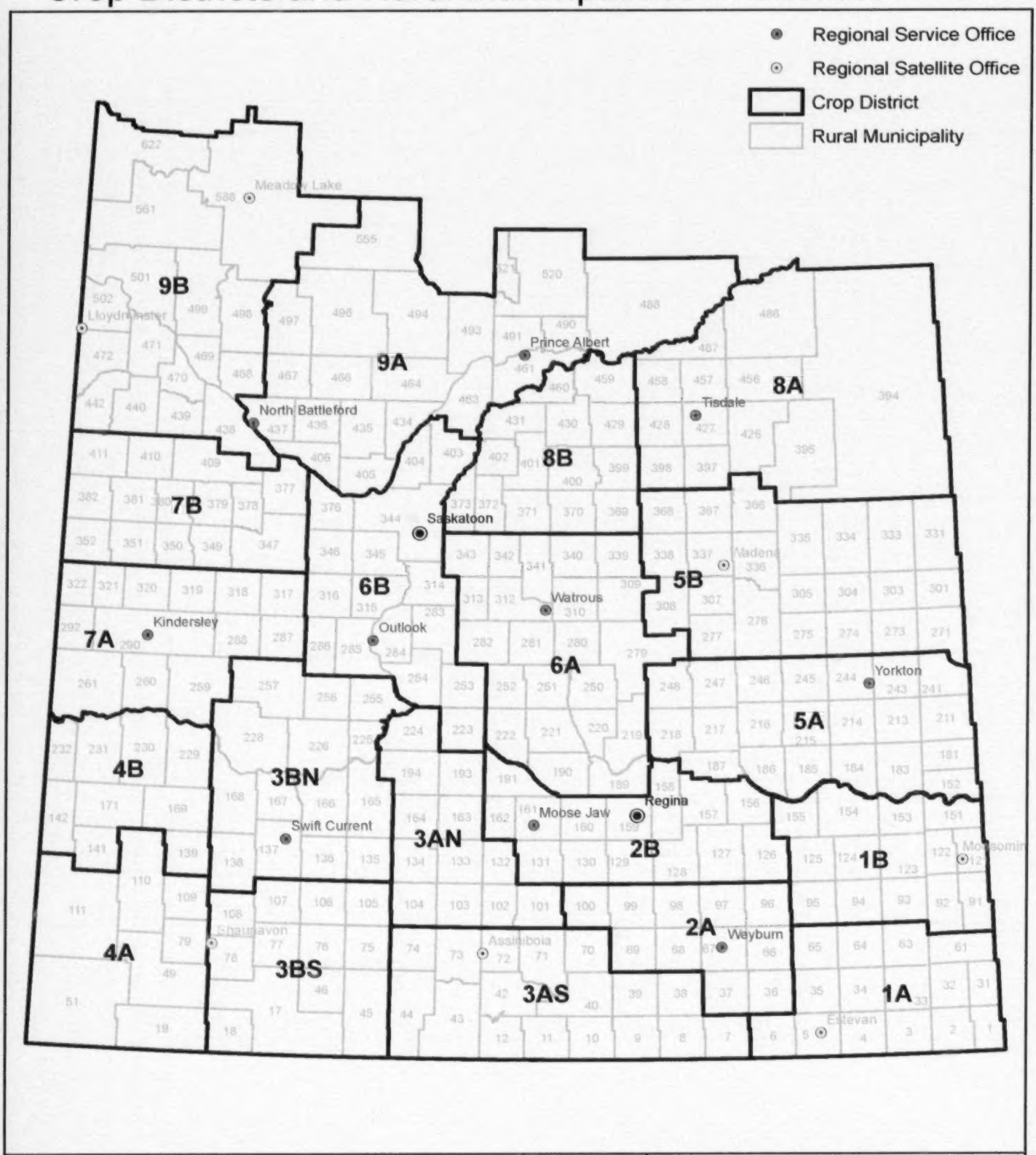
Spring Cereals	Tillering	Jointed	Shotblade	Heading	Soft Dough
July 4 Prov. Avg.	**6**	**17**	**41**	**34**	**2**
Southeast	3	10	35	44	8
Southwest	4	22	38	35	1
East central	10	20	37	33	0
West central	7	18	47	28	0
Northeast	6	14	43	37	0
Northwest	4	11	47	30	8

Flax	Emerging	Seedling	Stem Ext	Flowering
July 4 Prov. Avg.	**1**	**16**	**63**	**20**
Southeast	1	12	66	21
Southwest	0	22	61	17
East central	1	22	56	21
West central	0	15	70	15
Northeast	0	7	79	14
Northwest	20	8	40	32

Canola and Mustard	Emerging	Seedling	Rosette	Flowering	Podding
July 4 Prov. Avg.	**0**	**5**	**34**	**60**	**1**
Southeast	0	5	24	69	2
Southwest	1	1	15	79	4
East central	1	8	41	50	0
West central	0	2	28	69	1
Northeast	0	3	47	50	0
Northwest	0	7	32	61	0

Pulse Crops	Emerging	Vegetative	Flowering	Podding
July 4 Prov. Avg.	**1**	**27**	**69**	**3**
Southeast	2	31	64	3
Southwest	0	27	71	2
East central	0	28	70	2
West central	1	27	69	3
Northeast	0	33	64	3
Northwest	13	82	5	0

Crop Districts and Rural Municipalities in Saskatchewan



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0 25 50 100 150 200

Kilometers

Projection: UTM Zone 13 Datum: NAD83

N

Data Source:
Crop Districts - Saskatchewan Ministry of Agriculture

Geomatic Services, Ministry of Agriculture June 10, 2014

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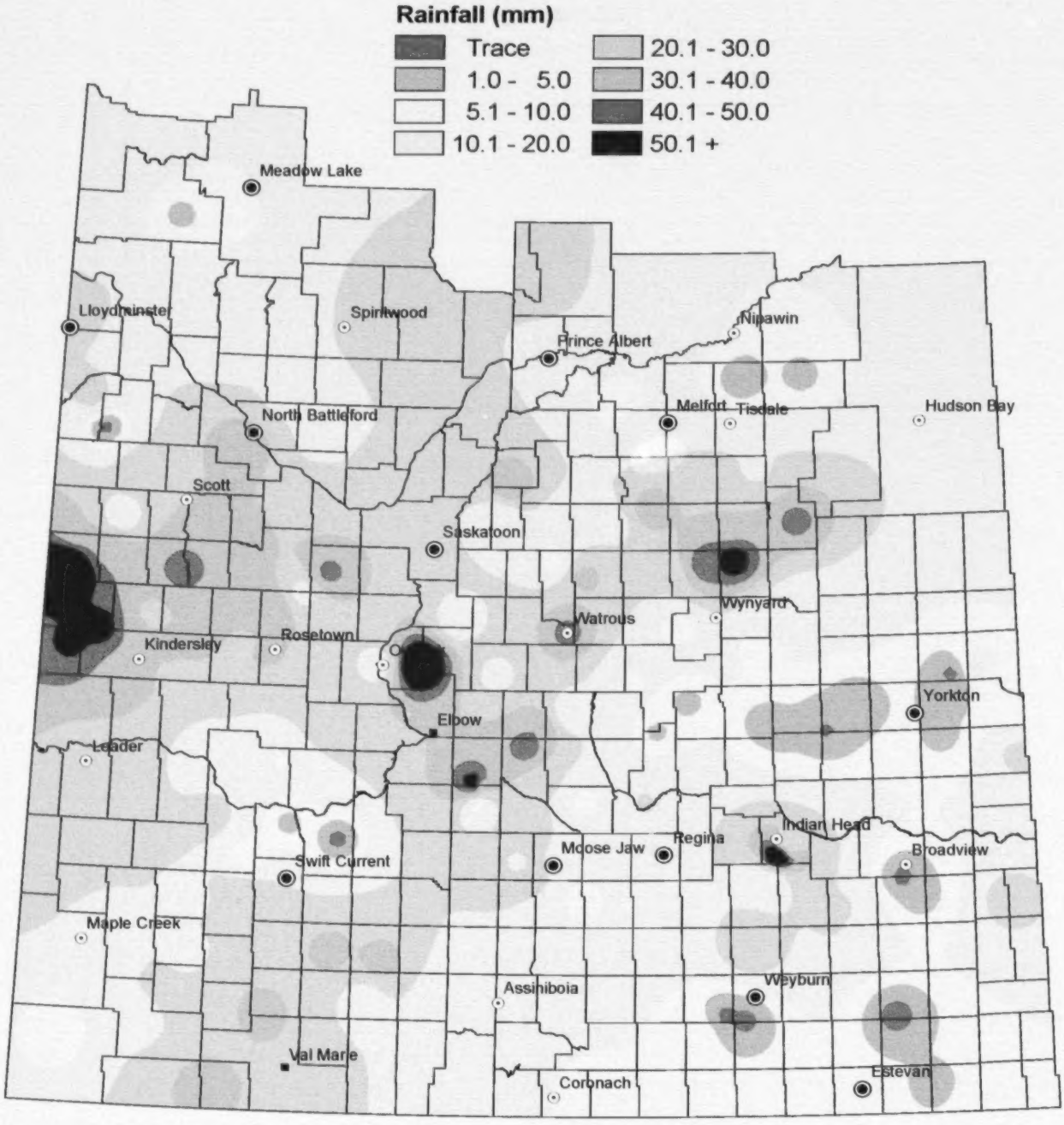
Weekly Rainfall

from June 28 to July 4, 2016



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.

Government of Saskatchewan

0 25 50 100 150 200

Kilometers

Projection: UTM Zone 13 Datum: NAD83

N

Data Source:
Rainfall - Ministry of Agriculture, Crop Report Database
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture July 6, 2016

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Weekly Rainfall Summary

(in millimeters) 1 inch = 25 mm for the period June 28 to July 4 2016

Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr
1A	2	Mount Pleasant	9	263
	3	Enniskillen	4	213
	33	Moose Creek	N/A	239
	34	Browning	N/A	267
	61	Antler	N/A	148
	64	Brock	NIL	184
	65	Tecumseh	N/A	200
1B	91	Maryfield	N/A	295
	122	Martin	23	261
	123	Silverwood	N/A	222
	124 A	Kingsley	3	227
	124 B	Kingsley	N/A	N/A
	125 A	Chester	27	260
	125 B	Chester	12	243
	151	Rocanville	6	229
	154	Elcapo	NIL	215
	155	Wolseley	9	208
2A	67	Weyburn	NIL	208
	68	Brokenshell	NIL	228
	97	Wellington	30	182
2B	127 A	Francis	8	162.5
	127 B	Francis	15	147.39
	129	Bratt's Lake	15	203.5
	131 A	Baildon	5	254
	131 B	Baildon	12	268
	156 A	Indian Head	18.5	158.71
	156 B	Indian Head	78	234
	159	Sherwood	N/A	145.5
	160	Pense	18	170
	161	Moose Jaw	17	195
	162	Caron	19	209.5
	191	Marquis	24	199
3ASE	38 A	Laurier	5.7	249.7
	38 B	Laurier	9	220
	39	The Gap	7	257
3ASW	10	Happy Valley	5	229
	12	Poplar Valley	N/A	193
	40	Bengough	N/A	N/A
	42	Willow Bunch	10	238
	43	Old Post	5	213
	73 A	Stonehenge	11.4	258.96
	73 B	Stonehenge	11	259
3AN	101	Terrell	N/A	N/A
	102	Lake Johnston	14	169.35
	103	Sutton	N/A	180
	132 A	Hillsborough	24	196
	132 B	Hillsborough	24	219
	134	Shamrock	N/A	17
	193 A	Eyebrow	6	189
	193 B	Eyebrow	29	255
3BS	17	Val Marie	N/A	176.28
	18	Lone Tree	35	248.39
	75	Pinto Creek	15	234
	76	Auvergne	N/A	179
	77	Wise Creek	35	266
	78	Grassy Creek	23	243.59
	105	Glenbain	34	269
	106	Whiska Creek	33	215
	107	Lac Pelletier	N/A	157
	108	Bone Creek	30	257
3BN	138 A	Webb	31	312.5
	138 B	Webb	27	196
	166	Excelsior	NIL	215
	167	Sask. Landing	3.6	248.07
	168 A	Riverside	6	219
	168 B	Riverside	22.8	159.79
	226	Victory	N/A	204
	228	Lacadena	9	256
	257	Monet	13	245

Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr
4A	49	White Valley	18	212
	51	Reno	5.1	155.97
	79	Arlington	23	259
	109 A	Carmichael	16	251.5
	109 B	Carmichael	N/A	216
	110	Piapot	17	241
	111	Maple Creek	N/A	142.25
4B	139	Gull Lake	17	264
	142	Enterprise	N/A	106
	169	Pittville	18	213
	231	Happyland	24	232
5A	183	Fertile Belt	14	225
	211	Churchbridge	22	182
	213	Saltcoats	4	78
	241	Calder	6	115
	243	Wallace	3	120
	244	Orkney	N/A	97
	245 A	Garry	1	138
	245 B	Garry	NIL	122
	245 C	Garry	2	102
	246	Ituna Bon Accord	3	88
	247	Kellross	2	103
	248	Touchwood	3	91
5B	271	Cote	12	119
	273	Sliding Hills	NIL	110
	277	Emerald	7	136
	305	Invermay	13	191.5
	307	Elfros	12	177
	308 A	Big Quill	5	115
	308 B	Big Quill	12	117.5
	331	Livingston	15	191
	336	Sasman	11	118
	337	Lakeview	59	242
	338	Lakeside	48	191
	366	Kelvington	43	179
	367	Ponass Lake	30	202.5
6A	190 A	Dufferin	11	229
	190 B	Dufferin	6	172
	190 C	Dufferin	7	184
	190 D	Dufferin	22	163
	219 A	Longlaketon	4	110
	219 B	Longlaketon	21	171
	220	McKillop	27	138
	221 A	Sarnia	N/A	169.43
	221 B	Sarnia	20.5	136
	222	Craik	46	170
	251	Big Arm	12.5	120.25
	252	Arm River	40	139
	279	Mount Hope	9.2	113.65
	282	McCraney	17	148
	312	Morris	44	160
	313	Lost River	N/A	N/A
	339	Leroy	20	137.57
	340	Wolverine	33	130
	341	Viscount	6	100
	343 A	Blucher	16	93
	343 B	Blucher	9	68
6B	223 A	Huron	N/A	169
	223 B	Huron	14	173
	284 A	Rudy	79	177
	285 B	Rudy	95	208
	285 A	Fertile Valley	20	191
	285 B	Fertile Valley	62	184.36
	286	Milden	N/A	164
	314	Dundurn	13	108
	344	Corman Park	N/A	54
	346	Perdue	43	173
	376	Eagle Creek	28	96
	403	Rosthern	32	98

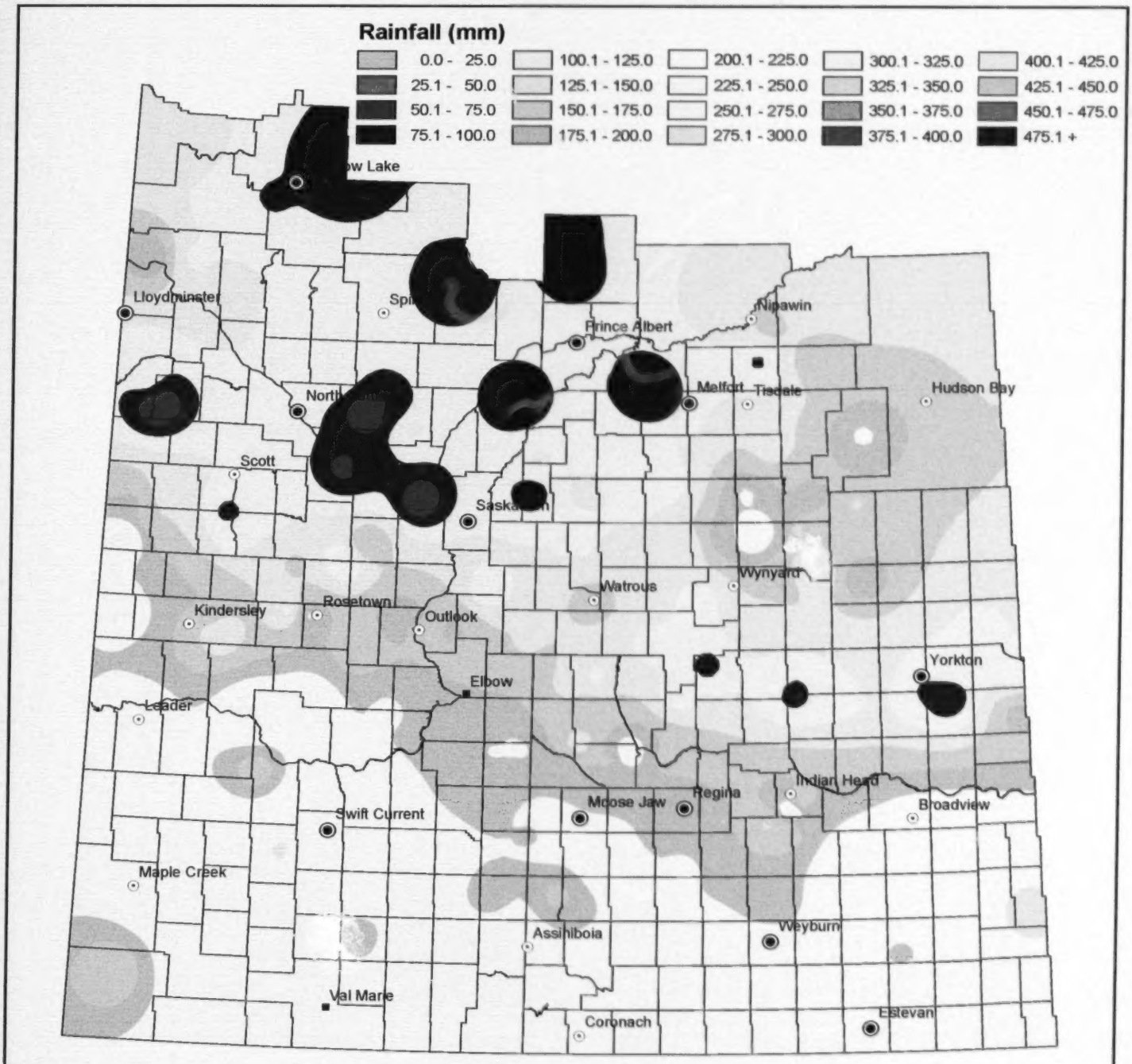
Crop Dist.	R.M. No.	Name	Past Week	Since 1-Apr
7A	287	St. Andrews	31	203
	288	Pleasant Valley	29	119
	290 A	Kindersley	28	128.19
	290 B	Kindersley	35	159.88
	290 C	Kindersley	30	134
	292	Milton	52	232
	317 A	Marriott	38	180
	317 B	Marriott	15	99
	318	Mountain View	34	152
	320 A	Oakdale	23	170.5
	320 B	Oakdale	38	183
	321	Prairiedale	57	199
7B	347	Biggar	26	94
	350 A	Mariposa	N/A	92.52
	350 B	Mariposa	45	114
	351	Progress	36	150
	352	Heart's Hill	86	248
	377	Glenside	N/A	66
	378	Rosemount	30	114
	379	Reford	38	110
	381	Grass Lake	12	128
	382	Eye Hill	30	176.77
	409	Buffalo	N/A	88
	410	Round Valley	25	110.5
8A	395	Porcupine	N/A	202
	397	Barrier Valley	19	142.89
	428	Star City	N/A	133
	456	Arborfield	4	163
	457	Connaught	2	98
	486	Moose Range	N/A	133
	487	Nipawin	5	161
8B	369	St. Peter	37	118
	370 A	Humboldt	17	122
	370 B	Humboldt	16	104
	371	Bayne	15	138
	372	Grant	9.4	86.86
	400	Three Lakes	N/A	112
	402	Fish Creek	40	127
	429	Flett's Springs	11	84
	459	Kinistino	5	81
	460	Birch Hills	9.5	100.66
9AE	488	Torch River	15	135
	520	Paddockwood	22	94.5
	521	Lakeland	22	94.5
9AW	406	Mayfield	23	88
	435	Redberry	21	113
	436	Douglas	12	52
	463	Duck Lake	26	76
	467 A	Round Hill	16	116
	467 B	Round Hill	N/A	97
	494	Canwood	25	89
9B	438	Battle River	38	106
	440	Hillsdale	NIL	52
	442	Manitou Lake	22	108.43
	498 A	Parkdale	13	113
	498 B	Parkdale	11	35
	499 A	Mervin	20	143.5
	499 B	Mervin	N/A	N/A
	501 A	Frenchman Butte	11	122
	501 B	Frenchman Butte	11	130
	501 C	Frenchman Butte	17	194
	502	Britannia	26.5	142.5
	561	Loon Lake	4	107
	588 A	Meadow Lake	17	78
	588 B	Meadow Lake	5	98
	622	Beaver River	17.9	144.76

These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R. M.

Municipality No: A, B, C and D - more than one reporter

Cumulative Rainfall

from April 1 to July 4, 2016



NOTE: Since techniques used to smooth the transition between zones can affect the values in localized areas, this map should be used for regional analysis only.

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0 25 50 100 150 200

Kilometers

Projection: UTM Zone 13 Datum: NAD83

N

Data Source:
Rainfall - Ministry of Agriculture, Crop Report Database
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture July 6, 2016

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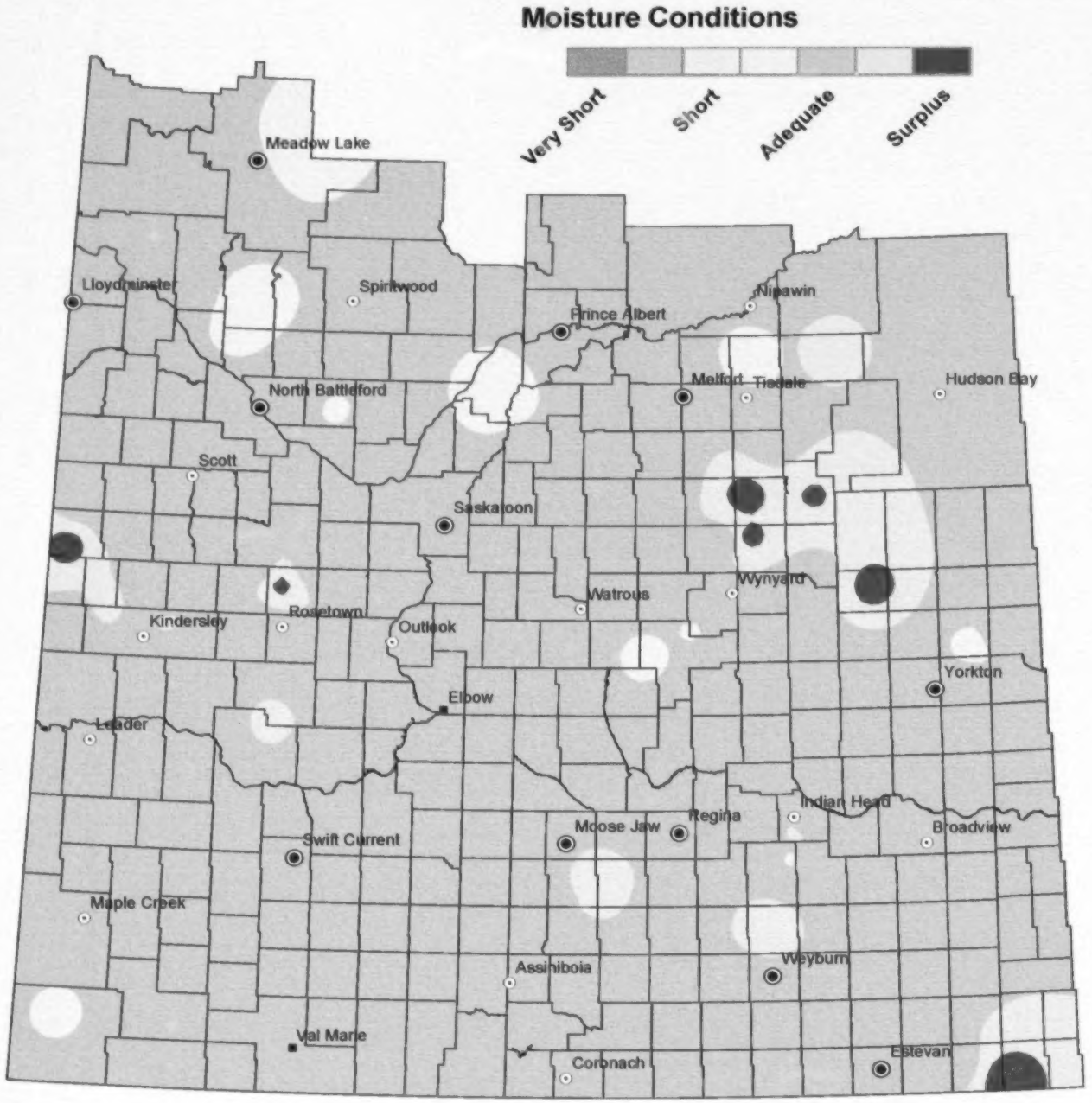
Cropland Topsoil Moisture Conditions

July 4, 2016



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Kilometers

Projection: UTM Zone 13 Datum: NAD83

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Data Source:
Moisture - Ministry of Agriculture, Crop Report Database
IDW interpolation (power 2.5, fixed radius 300 km)

Geomatics Services, Ministry of Agriculture July 6, 2016

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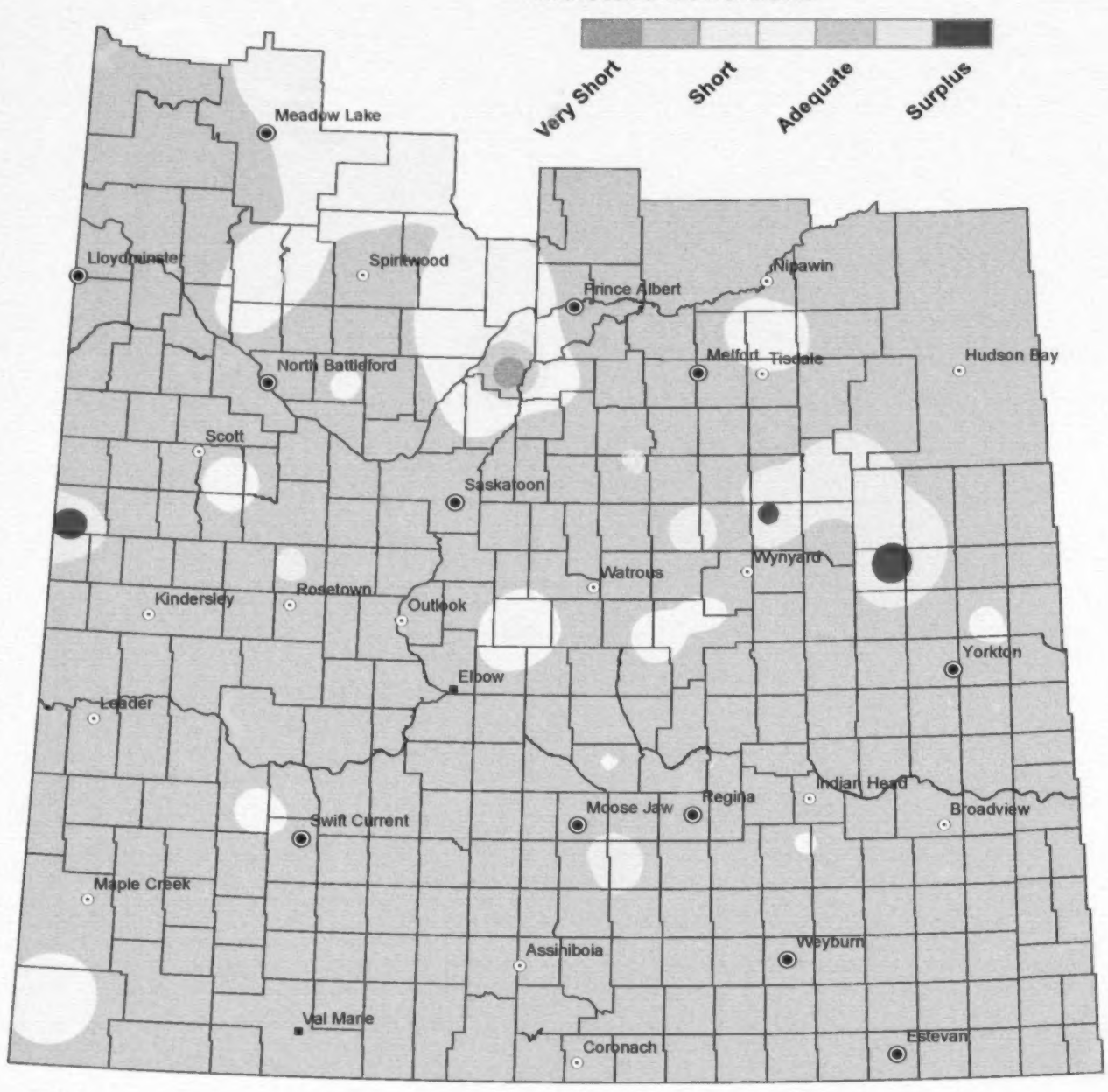
Hay and Pasture Topsoil Moisture Conditions

July 4, 2016



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